



## System Architect

Mosaic ATM, located in the Northern Virginia / Washington, DC Metro area, is seeking talented full-time senior system architect to add to our great team. We're looking for people who are passionate about system design, and just as passionate about being part of a great team of software and system engineers.

Are you a seasoned professional with experience leading teams to solve complex system solutions? Do you like working with other developer professionals to design modernized, efficient and scalable solutions? Are you an independent learner and a motivated self-starter who takes initiative to produce great results? If so, read on...

### What you'll be doing:

- Provide leadership and expertise in system architecture, focused on strategic designs and cloud solutions.
- Lead and support various projects for FAA and NASA customers.
- Bridge the gap between customers and software engineers.
- Work with developers to design and develop decision support tools for application in a real-time operational environment, typically developed in Java and/or JavaScript
- Work with developers to design data parsers and pipelines for application in a real-time operational environment, typically developed in Java, Python, and/or JavaScript
- Analysis and improvement of software system quality and performance
- Participation in technical meetings and discussions
- Some Travel

### What you'll need to bring to this job:

- Master's Degree in IT Technology or a related field
- 15+ years' experience in system architecture and/or IT leadership
- Program/project management certification or education
- Experience in agile methodologies, such as SCRUM
- Experience with AWS, Google Cloud, Azure and related cloud services
- Excellent problem-solving skills
- Strong communication skills both verbal and written
- Flexibility to move between projects
- Responsible, Self-motivated, and innovative
- U.S. citizen or otherwise fully authorized to work in the U.S

## **Bonus Points:**

- Experience with multiple programming languages including Java, JavaScript, Typescript, C#, and/or Python
- Experience in a Linux or Unix environment, as well as a Windows environment
- Experience with DBMS including PostgreSQL, MySQL, SQL Server, and/or Oracle
- Experience with Hadoop, Apache Spark, and similar big-data technologies
- Experience with data analytics
- Experience with computer vision model development, deployment and operation
- Experience with containers, Docker, ECS, and/or Kubernetes
- Familiarity with Aviation and/or Air Traffic Control

## **Here's what WE bring to the table:**

- Great people: Work with some of the best and brightest people in the industry
- Awesome benefits: Standard benefits like health, dental, and vision insurance, 401k plan, and paid vacation.
- Plus, some unique stuff like paid overtime, local telecommuting, and profit sharing
- Relaxed office environment: Relaxed atmosphere, jeans are the norm, flexible scheduling
- Amazing company: Competitive salaries with annual compensation reviews, generous bonuses, good morale with fun teambuilding events

## **Company Overview**

Mosaic ATM is a dynamic and growing technology consulting firm specializing in aviation and air traffic control system development. Key clients of Mosaic ATM include NASA, the FAA, the Air Force, large Government Contractors and major Air Carriers.

Mosaic ATM is an Equal Employment Opportunity/Affirmative Action Employer.